suitable for transferring from STYLUS PEN 1 to DATA PROC UNIT 3 through CONN CABLE 7 with small loss. The output signal from IMAGE SIG PROC 19 is sent to IMAGE SIG PROC 61 in DATA PROC UNIT 3 through CONN CABLE 7. In DATA PROC UNIT 3, the output from IMAGE SIG PROC 61 is sent to DATA MEM 35.

On the other hand, the output signal from SHUTTER SW 14 is sent to a shutter interface circuit (SHUTTER I/F CIRCUIT) 60 in DATA PROC UNIT 3 through CONN CABLE 7. When the shutter button of SHUTTER SW 14 is pushed, SHUTTER I/F CIRCUIT 60 sends an interrupt request to CPU 30. Receiving the interrupt request, CPU 30 operates so that the image datum from IMAGE SIG PROC 61 is stored into DATA MEM 35.

Then, the image datum can be displayed on DISP PANEL 22 or reserved into EXT MEM 40 and the reserved image datum can be restored on DISP PANEL 22, by the operation of CPU 30 in accordance with the command selected by the user, from the operation menus by using STYLUS PEN 1 on SENSOR 21 and looking DISP PANEL 22, which is same as done in the first or second embodiment. The hand writing image or letter can be formed on DISP PANEL 22 by handling STYLUS PEN 1 and these image and letter can be processed to the text data to be stored in DATA MEM 35 or EXT MEM 40, which is same as the first or second embodiment.

In the first, second or third embodiment, STYLUS PEN 1 includes at least the imaging device and the circuits associated with the imaging device and DATA PROC UNIT 3 includes CPU and the circuit associated with CPU. However, the constitution of STYLUS PEN 1 and DATA PROC UNIT 3 is not limited to that of the first, second or third embodiment. For example, DATA PROC UNIT 3 can be limited so that DATA PROC UNIT 3 includes only TABLET 2, however, STYLUS PEN 1 includes CPU and the circuits associated with CPU. Such modification does not disturb the concept of the present invention.

What is claimed is:

1. A multimedia information capturing apparatus for capturing multimedia information and storing the multimedia information with a message of the multimedia information, the apparatus comprising:

a hand writing stylus pen for selecting a process for storing the multimedia information and adding the message to the stored multimedia information; and

data processing means for performing processes selected by said hand writing stylus pen,

said hand writing stylus pen including:

information capture means including first means for optically capturing multimedia information on a visual image and second means for acoustically capturing multimedia information on aural voice and producing by said first and second means captured multimedia information signals indicative of the captured information on the visual image and the captured information on the aural voice, respectively;

signal-to-data conversion means for converting the captured multimedia information signals received from the information capture means into multimedia information data;

memory means, coupled to said signal-to-data conversion means, for temporarily memorizing the multimedia information data;

data transmission means, coupled to said memory means, for receiving and transmitting the multimedia information data memorized in said memory means

to said data processing means positioned exteriorly of said hand writing stylus pen;

at least said information capture means, said signal-to-data conversion means, and said data transmission means being positioned inside said hand writing stylus pen;

a select switch provided on said hand writing stylus pen and being coupled to said information capture means, for selecting operation of said information capture means, by selecting either an operation of capturing the visual image or an operation of capturing the aural voice;

a shutter switch provided on said hand writing stylus pen and being connected to said information capture means for making said information capture means start and stop an operation thereof; and

a data transmitting switch provided on said hand writing stylus pen and being coupled to said data transmission means, for making said data transmission means operate.

2. A multimedia information capturing apparatus according to claim 1, wherein said hand writing stylus pen further comprises data reception means for receiving multimedia information data on a visual image and aural voice from the exterior of the hand writing stylus pen and being coupled to said memory means for temporarily memorizing the multimedia information data received from said exterior into said memory means.

3. A multimedia information capturing apparatus according to claim 1, wherein said data processing means comprises:

data reception means for receiving the multimedia information data transmitted from said data transmission means of said hand writing stylus pen;

data storage means, coupled to said data receiving means, for storing the multimedia information data received at said data reception means;

write and display means for displaying operation menus of processes to be performed in said data processing means and a visual image produced from the multimedia information data stored in said data storage means and for allowing said hand writing stylus pen to select the operation menus and to write and draw the message of the multimedia information by placing said hand writing stylus pen against said write and display means;

voice reproduction means for reproducing the aural voice from the multimedia information data stored in said data storage means; and

data control and process means, coupled between said data storage means and said write and display means, for effecting displaying the operation menus on said write and display means and performing the processes selected by said hand writing stylus pen placed against said write and display means.

4. A multimedia information capturing apparatus according to claim 3, wherein said hand writing stylus pen includes an additional data reception means and said data processing means further comprises additional data transmission means for transmitting the multimedia information data stored in said data storage means to said additional data reception means of said hand writing stylus pen, said additional data transmission means being operated to transmit the multimedia information data by said data control and process means in accordance with a command selected from the operation menus by placing said stylus pen against said write and display means.